

NOTES:

1. LENGTH OF RESTRAINT SHOWN IS IN FEET. FITTING DIAMETERS ARE IN INCHES.
2. WHERE LINES CONSIST OF BOTH DUCTILE IRON AND PVC WITHIN THE LIMITS OF REQUIRED RESTRAINT, LIMITS FOR PVC SHALL APPLY.
3. U1 AND U2 = UNINTERUPTED STRAIGHT RUNS OF PIPE IN EACH DIRECTION.
4. U_r = THE SMALLER OF U1 OR U2
5. L = MINIMUM RESTRAINED LENGTH ALONG THE BRANCH.
6. WHERE U_r IS LESS THAN 5', RESTRAIN TEE AS A 90° HORIZONTAL BEND.
7. INFORMATION IN THE TABLES ABOVE ARE BASED ON THE DESIGN INFORMATION SHOWN. THE ENGINEER SHALL PROVIDE AMENDED RESTRAINT LENGTHS IF SITE CONDITIONS DIFFER

PVC

PVC DESIGN:
 SOIL TYPE: SM
 TRENCH TYPE: 3
 COVER: 3' \leq 12" DIA.
 4' > 12" DIA.
 TEST PRESSURE: 150 PSI

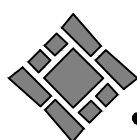
TEE \ U_r	10'	20'
4X4	3	*
6X4	*	*
6X6	5	*
8X4	*	*
8X6	*	*
8X8	18	*
10X4	*	*
10X6	*	*
10X8	8	*
10X10	28	11
12X4	*	*
12X6	*	*
12X8	*	*
12X10	20	*
12X12	39	3
16X6	*	*
16X8	*	*

TEE \ U_r	10'	20'
16X10	4	*
16X12	25	*
16X16	61	24
20X6	*	*
20X8	*	*
20X10	*	*
20X12	10	*
20X16	48	2
20X20	81	44
24X6	*	*
24X8	*	*
24X10	*	*
24X12	*	*
24X16	35	*
24X20	69	25
24X24	101	63

*RESTRAIN AT TEE ONLY.

TEE RESTRAINT (PVC PIPE)

STANDARD
CONSTRUCTION
DETAILS



CITY OF
savannah
 WATER RESOURCES AND PUBLIC WORKS BUREAU
 Planning & Engineering

SCALE: N.T.S.

DATED: SEP 2013

PLATE NUMBER:

W30